

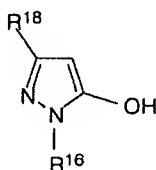
## APPENDIX I:

CLAIM AMENDMENTS:

Cancel Claims 43 to 45, and amend Claims 30, 46, and 50 to 52, as indicated in the following listing of the claims:

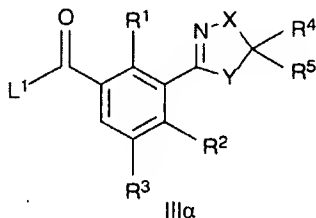
1. - 16. (*canceled*)

17. (*withdrawn - previously presented*) A process for the preparation of the 3-heterocyclyl-substituted benzoyl compound of the formula I defined in claim 28, which comprises acylating a pyrazole of the formula II

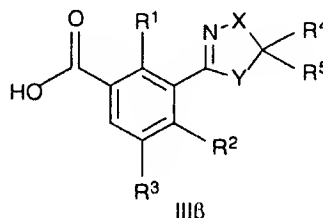


II

with an activated carboxylic acid IIIa or with a carboxylic acid IIIb



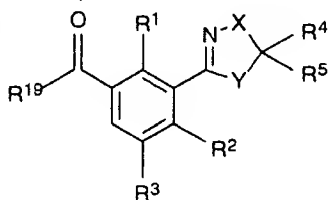
IIIa



IIIb

where  $L^1$  is a nucleophilically displaceable leaving group and subjecting the acylation product to a rearrangement reaction to give the compound I.

18. (*withdrawn - previously presented*) A 3-heterocyclyl-substituted benzoic acid compound of the formula III,



III

where

R<sup>19</sup> is halogen, hydroxyl or C<sub>1</sub>-C<sub>6</sub>-alkoxy,  
R<sup>1</sup> is C<sub>1</sub>-C<sub>2</sub>-alkyl, methoxy or methylsulfonyl;  
R<sup>2</sup> is nitro, halogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>6</sub>-alkylthio, C<sub>1</sub>-C<sub>6</sub>-alkylsulfinyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl or C<sub>1</sub>-C<sub>6</sub>-haloalkylsulfonyl;  
R<sup>3</sup> is hydrogen, halogen or C<sub>1</sub>-C<sub>6</sub>-alkyl;  
R<sup>4</sup> is hydrogen or methyl, and R<sup>5</sup> is hydrogen;  
X is O;  
Y is CR<sup>13</sup>R<sup>14</sup>;  
R<sup>13</sup>, R<sup>14</sup> are hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxycarbonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxycarbonyl or CONR<sup>7</sup>R<sup>8</sup>;  
R<sup>7</sup> is hydrogen or C<sub>1</sub>-C<sub>4</sub>-alkyl;  
R<sup>8</sup> is C<sub>1</sub>-C<sub>4</sub>-alkyl.

19. - 20. (*canceled*)

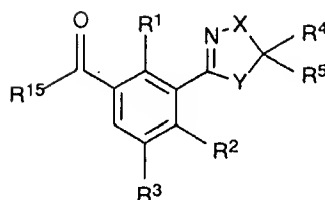
21. (*previously presented*) A composition comprising a herbicidally active amount of at least one 3-heterocyclyl-substituted benzoyl compound of the formula I or of the agriculturally useful salt of I defined in claim 28, and auxiliaries conventionally used for the formulation of crop protection products.

22. (*withdrawn - previously presented*) A process for the preparation of the composition defined in claim 21, which comprises mixing a herbicidally active amount of at least one 3-heterocyclyl-substituted benzoyl compound of the formula I or of the agriculturally useful salt of I and auxiliaries conventionally used for the formulation of crop protection products.

23. (*withdrawn - previously presented*) A method of controlling undesirable vegetation, which comprises allowing a herbicidally active amount of at least one 3-heterocyclyl-substituted benzoyl compound of the formula I or of the agriculturally useful salt of I defined in claim 28 to act on plants, their environment and/or on seeds.

24. - 27. (*canceled*)

28. (*previously presented*) A 3-heterocyclyl-substituted benzoyl compound of the formula I



wherein

X is O;

R<sup>1</sup> is C<sub>1</sub>-C<sub>2</sub>-alkyl, methoxy or methylsulfonyl;

R<sup>2</sup> is nitro, halogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>6</sub>-alkylthio, C<sub>1</sub>-C<sub>6</sub>-alkylsulfinyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl or C<sub>1</sub>-C<sub>6</sub>-haloalkylsulfonyl;

R<sup>3</sup> is hydrogen, halogen or C<sub>1</sub>-C<sub>6</sub>-alkyl;

R<sup>4</sup> is hydrogen or methyl, and R<sup>5</sup> is hydrogen;

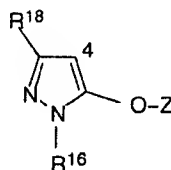
Y is CR<sup>13</sup>R<sup>14</sup>;

R<sup>13</sup>, R<sup>14</sup> are hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxycarbonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxycarbonyl or CONR<sup>7</sup>R<sup>8</sup>;

R<sup>7</sup> is hydrogen or C<sub>1</sub>-C<sub>4</sub>-alkyl;

R<sup>8</sup> is C<sub>1</sub>-C<sub>4</sub>-alkyl;

R<sup>15</sup> is a pyrazole of the formula II which is linked in the 4-position



II

wherein

R<sup>16</sup> is C<sub>1</sub>-C<sub>6</sub>-alkyl;

Z is H; and

R<sup>18</sup> is hydrogen or methyl.

29. (previously presented) The 3-heterocyclyl-substituted benzoyl compound of the formula I defined in claim 28, wherein R<sup>1</sup> is methyl, R<sup>2</sup> is methylsulfonyl, R<sup>3</sup> is hydrogen, R<sup>16</sup> is methyl and R<sup>18</sup> is hydrogen.

30. (currently amended) ~~4-[2-Methyl-3-(4,5-dihydroisoxazol-3-yl)-4-methylsulfonylbenzoyl]-1-methyl-5-hydroxy-1H-pyrazole~~ 4-[2-Methyl-3-

(4,5-dihydroisoxazol-3-yl)-4-methylsulfonyl]benzoyl-1-methyl-5-hydroxy-1H-pyrazole.

31. (*withdrawn - previously presented*) The 3-heterocyclyl-substituted benzoyl compound of the formula I defined in claim 28, wherein R<sup>1</sup> is methyl, R<sup>2</sup> is methylsulfonyl, R<sup>3</sup> is hydrogen, R<sup>16</sup> is ethyl and R<sup>18</sup> is hydrogen.
32. - 33. (*canceled*)
34. (*withdrawn - previously presented*) The 3-heterocyclyl-substituted benzoyl compound of the formula I defined in claim 28, wherein R<sup>1</sup> is methyl, R<sup>2</sup> is methylsulfonyl, R<sup>3</sup> is hydrogen, R<sup>16</sup> is methyl and R<sup>18</sup> is methyl.
35. (*previously presented*) The 3-heterocyclyl-substituted benzoyl compound of the formula I defined in claim 28, wherein R<sup>4</sup> denotes hydrogen.
36. (*previously presented*) The 3-heterocyclyl-substituted benzoyl compound of the formula I defined in claim 28, wherein R<sup>1</sup> is methyl.
37. (*previously presented*) The 3-heterocyclyl-substituted benzoyl compound of the formula I defined in claim 35, wherein R<sup>1</sup> is methyl.
38. (*withdrawn - previously presented*) The 3-heterocyclyl-substituted benzoyl compound of the formula I defined in claim 35, wherein R<sup>1</sup> is methyl, R<sup>2</sup> is methylsulfonyl, R<sup>3</sup> is hydrogen, R<sup>16</sup> is ethyl and R<sup>18</sup> is hydrogen.
39. (*withdrawn - previously presented*) The 3-heterocyclyl-substituted benzoyl compound of the formula I defined in claim 35, wherein R<sup>1</sup> is methyl, R<sup>2</sup> is methylsulfonyl, R<sup>3</sup> is hydrogen, R<sup>16</sup> is methyl and R<sup>18</sup> is methyl.
40. (*withdrawn - previously presented*) The 3-heterocyclyl-substituted benzoic acid compound of the formula III defined in claim 18, wherein R<sup>4</sup> denotes hydrogen.

41. (*withdrawn - previously presented*) The 3-heterocyclyl-substituted benzoic acid compound of the formula III defined in claim 18, wherein R<sup>1</sup> is methyl.
42. (*withdrawn - previously presented*) The 3-heterocyclyl-substituted benzoic acid compound of the formula III defined in claim 40, wherein R<sup>1</sup> is methyl.
43. - 45. (*canceled*)
46. (*withdrawn - currently amended*) The 3-heterocyclyl-substituted benzoic acid compound of the formula III defined in claim ~~45~~ 42, wherein R<sup>2</sup> is methylsulfonyl and R<sup>3</sup> is hydrogen.
47. (*previously presented*) The 3-heterocyclyl-substituted benzoic acid compound of the formula I defined in claim 28, wherein
- X is O;
- R<sup>1</sup> is C<sub>1</sub>-C<sub>2</sub>-alkyl;
- R<sup>2</sup> is C<sub>1</sub>-C<sub>6</sub>-alkylthio or C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl;
- R<sup>3</sup> is hydrogen;
- Y is CR<sup>13</sup>R<sup>14</sup>; and
- R<sup>13</sup>, R<sup>14</sup> are hydrogen or C<sub>1</sub>-C<sub>4</sub>-alkyl.
48. (*previously presented*) The composition defined in claim 21, comprising a herbicidally active amount of at least one 3-heterocyclyl-substituted benzoic acid compound of the formula I or of the agriculturally useful salt of I, wherein
- X is O;
- R<sup>1</sup> is C<sub>1</sub>-C<sub>2</sub>-alkyl;
- R<sup>2</sup> is C<sub>1</sub>-C<sub>6</sub>-alkylthio or C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl;
- R<sup>3</sup> is hydrogen;
- Y is CR<sup>13</sup>R<sup>14</sup>; and
- R<sup>13</sup>, R<sup>14</sup> are hydrogen or C<sub>1</sub>-C<sub>4</sub>-alkyl.
49. (*withdrawn - previously presented*) The 3-heterocyclyl-substituted benzoic acid compound of the formula III defined in claim 18, wherein
- X is O;
- R<sup>1</sup> is C<sub>1</sub>-C<sub>2</sub>-alkyl;

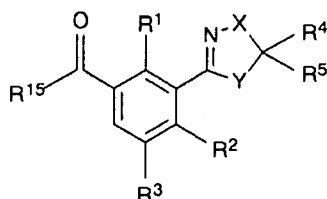
$R^2$  is  $C_1$ - $C_6$ -alkylthio or  $C_1$ - $C_6$ -alkylsulfonyl;

$R^3$  is hydrogen;

$Y$  is  $CR^{13}R^{14}$ ; and

$R^{13}$ ,  $R^{14}$  are hydrogen or  $C_1$ - $C_4$ -alkyl.

50. (currently amended) A compound represented by formula I



wherein

$R^1$  is  $C_1$ - $C_6$ -alkyl;

$R^2$  is  $C_1$ - $C_6$ -alkylthio or  $C_1$ - $C_6$ -alkylsulfonyl;

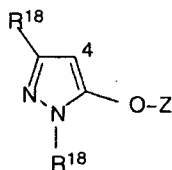
$R^3$  is hydrogen;

$R^4$  and  $R^5$  are hydrogen or  $C_1$ - $C_4$ -alkyl;

$X$  is oxygen;

$Y$  is  $CR^{10}R^{11}$   $CR^{13}R^{14}$ ; wherein  $R^{10}$ ,  $R^{11}$  and  $R^{13}$ ,  $R^{14}$  are hydrogen or  $C_1$ - $C_4$ -alkyl;

$R^{15}$  is a pyrazole of the formula II



which is linked in the 4-position, wherein

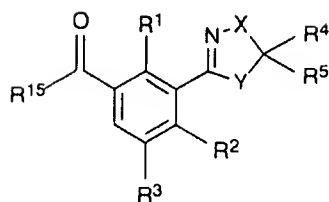
$R^{16}$  is  $C_1$ - $C_6$ -alkyl;

$Z$  is hydrogen or  $SO_2R^{17}$ ; wherein

$R^{17}$  is phenyl or phenyl which is partially or fully halogenated and/or has attached to it one to three of the following groups:  $C_1$ - $C_4$ -alkyl and  $C_1$ - $C_4$ -alkoxy; and

$R^{18}$  is hydrogen or  $C_1$ - $C_6$ -alkyl.

51. (currently amended) A herbicide characterized by containing one or more compounds represented by formula I



wherein

$R^1$  is  $C_1$ - $C_6$ -alkyl;

$R^2$  is  $C_1$ - $C_6$ -alkylthio or  $C_1$ - $C_6$ -alkylsulfonyl;

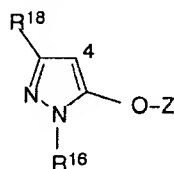
$R^3$  is hydrogen;

$R^4$  and  $R^5$  are hydrogen or  $C_1$ - $C_4$ -alkyl;

X is oxygen;

Y is  $CR^{10}R^{11}$   $CR^{13}R^{14}$ ; wherein  $R^{10}$   $R^{13}$  and  $R^{11}$   $R^{14}$  are hydrogen or  $C_1$ - $C_4$ -alkyl;

$R^{15}$  is a pyrazole of the formula II



which is linked in the 4-position, wherein

$R^{16}$  is  $C_1$ - $C_6$ -alkyl;

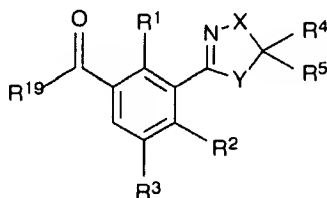
Z is hydrogen or  $SO_2R^{17}$ ; wherein

$R^{17}$  is phenyl or phenyl which is partially or fully halogenated and/or has attached to it one to three of the following groups:  $C_1$ - $C_4$ -alkyl and  $C_1$ - $C_4$ -alkoxy; and

$R^{18}$  is hydrogen or  $C_1$ - $C_6$ -alkyl,

as active ingredients.

52. (withdrawn - currently amended) A compound represented by formula III



where

$R^{19}$  is hydroxyl or  $C_1$ - $C_6$ -alkoxy,

$R^1$  is  $C_1$ - $C_6$ -alkyl;

$R^2$  is  $C_1$ - $C_6$ -alkylthio or  $C_1$ - $C_6$ -alkylsulfonyl;

$R^3$  is hydrogen;

$R^4$  and  $R^5$  are hydrogen or  $C_1$ - $C_4$ -alkyl;

X is oxygen; and

Y is  $CR^{10}R^{11} \underline{CR^{13}R^{14}}$ ; wherein  $R^{10}$ ,  $R^{13}$  and  $R^{11}$ ,  $R^{14}$  are hydrogen or  $C_1$ - $C_4$ -alkyl.